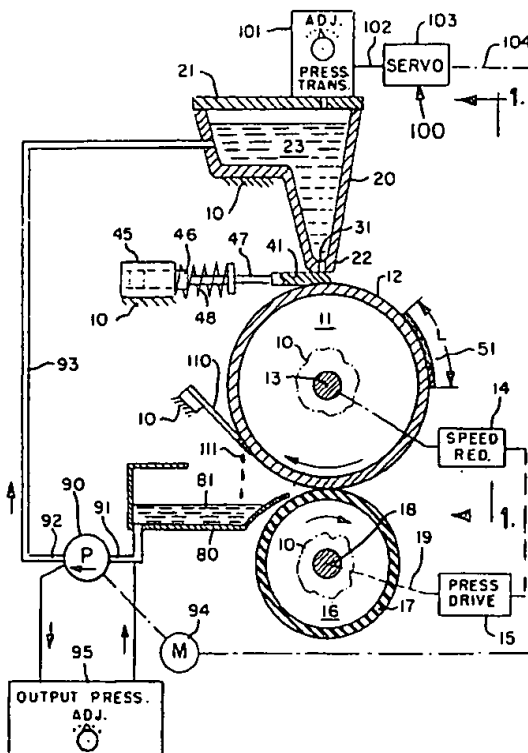


- [22] Filed: Feb. 20, 1981

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**9 Claims, 4 Drawing Figures**



US-PAT-NO: 4332196

DOCUMENT-IDENTIFIER: US 4332196 A

TITLE: Pressurized arrangement including timers for  
metering ink on the  
fountain roller of a printing press

----- KWIC -----

It is a well known fact that the ink requirements across the width of a printed page is not the same column by column or zone by zone. In some of the column positions there may be heavily pigmented areas as, for example, a half-tone illustration with a dark background, requiring more ink to be fed in that position than in other positions across the page which are only lightly pigmented.

It will be apparent to one skilled in the art that the objects of the invention have been amply carried out. Since all of the nozzles have the same cross sectional geometry and are subjected to the same pressure, each nozzle produces the same instantaneous rate of discharge of ink. However, the average rate of discharge which depends upon the time factor may be easily and conveniently varied over wide limits by a simple manual adjustment of time interval. While it is true that a separate timer is required for each of the numerous slides across a page width, timers employing solid state devices and susceptible to accurate calibration may be very cheaply obtained on a commercial basis and may be expected to last indefinitely so that the overall cost of the presently disclosed control system is much lower than comparable